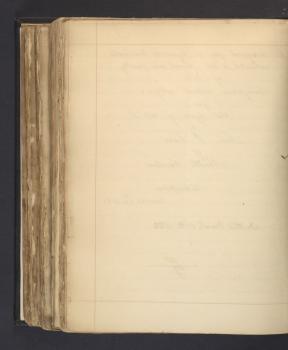
Mu inaugural eftay en bynanchi Brachialii. automited is the spercest and faculty of The Conseptranic medical college The degree of M. D. Levin B Lane Worth Carolina. Otheladelphia. admitted March 16th 1022

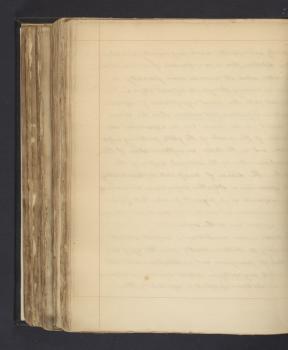


An inaugural offay on Cynanche Frachealis.

The name by which this disease is known, among the vulgar, is hives, supposed to be a corruptions of the word heaver from the manner in which o pratient Colouring under it, hover his chest in brothing. It has secweed, by authors, various names, such as sufficatio etridulas exprenche trachealis, trachitis, a plearing of the windfife ose. This is one of the disson of the respiratory explain, according to the north - vgy adopted by profesion Chapman. It con desertes by 1. Home, a profesor at Edenburg as o new disease and consequently secund to himself all the horsour of having port described and brought into notice this formidable dinere; but prefesor Chapman strips him of this hon our by proving that it was described by an earlier water. In Home's duription of it was written south the middle of the sunderate century. V togranche Trachealis is divided into sparmodic and inflammatory; the passer wher it attacks very

suddenly and sums its course very rapidly, and when upon dispection, there is no appearance of inflammation the latter when it comes on more gradually, is longer in running through its different stager, and is attended with the usual symptoms of inflam - mation. Deputions, just mortism, show this discon to consist in the former case, in a spannedic cominaction of the museles of the glottes producing suffo cation; and in the latter an inflammation of the membrane living the internal surface of the tracker. The division of croup into inflammatory and spanniadio is altogether superfluous and unnery eary, inarment as it frequently partakes both of aprasm and inflammation, and whether it does or not the treat ment in both cases is the same.

The disease under consideration is compand almost recliescely to children mostly from the age of one to that of five years, but we consistent much with it though way randy in advanta age; an interior of which is afforded by the



Mutrious Washington who died of this direase. I come now to the causes of this discon; and here I will say a few words against the idea of its specific and contagious nature. The advocates of this opinion day, that if it were not of a springing nature and intivly referent from what we conceive to be its most present forman a common catarok, we should figurally find membranes formed on the internal surface of the trackrain consequence of slight eater Sel offations Now, to confute this arguments of proune it will only be meepary to prove that that species of inflammation which results in the formation of a membrane or a solid body, by an effecien of coaqueable hymphiis not confined to the tracker, and to this end we have the sutherity of De Jearfra who has proven that the membrana decidua, the membranes on the internal surjace of the placera and into times are dependent upon the same process; and I have sun one formed in the writhera, by

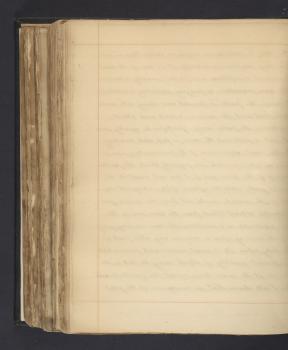


the inflowereation of that property, consequent to the application of a thater there it cause of this when are veld and damping particularly salver combined, where there is weather on home its management occurrence in weather the in summing in walter there is summing in walter there is summing in walter the in a continuous that is not be cocarring sprintenich. It is the wine send to be cocarring sprintenich. It is the wine send

The premonetary signs, if an attack of every, one shoulding and innerticity, know and suffered upon and then symptoms are occumpened with a cayot for premier sound, compared, by suithough their holding of a better size. Therefore, the operation of these symptoms produced is attacked as a present with a editioning secretable by flushing of the form attack of common symposium secretable by flushing of the form all the symptoms become very much aggressible superior is pulmed with the attend of flushing the did with a shrill crund diving inspiration as of the tree free were their wife and very

much contracted, the counterrance is suffused and wild, and the patient thrown back his head to pre and immediate suffication. There is sometimes a considerable degree of nausea and verniting in the port stage of the disease. The pulse is strong and quick with much febrile heat. We are, however, not olways favourd with the pumonitory signs, slove inumerated, to warm us of approaching dan you but on the contrary it sometimes makes its attack auditinly and in the night. The patient a waking offlicted with all the symptoms above mentioned When this is the case, the most virlent symptoms cometimes resnit during the day and secur again at night to the discore advances the eigenfrom be -come more and more urgent, until at ling the, if silif be not obtained, suffication closes the sum. Course may be distinguished from acute asthmas to which it bear, in some of its forms a close union - Clance, by the following diagnosticks the former is attended with a prejunt shrill cough, whereas in the

letter there is lettle or no cough; in croup there is not flu any unifier, in arthma it is one of the most prominent symptoms, and it is generally altended with some execution, as purging, varniting iruttations In croup, the pulse is prejunt and strong with much phile heat, and the voice is small and shill; in arthma the fruler may, perhaps, be equally with but not so full, and the vice is dup and croaking. On the first appearance of the premonitory symp James an active unclick will preparetty check the farther progrep of the disease, and if it los nort arrest it at once, A greatly about the violence of its subsequent stage. But if the emetick should not have the divind equal, in should ditract blood from the arm, and if this be impracticable as is sometimes the case in very young subjects, we may open a vein in any other part of the lody where it is most consument, from which a sufficient quantity of blood may be taken, we should at the same time repeat the imitich, and here I will observe, that is consequence of the great



municitity of the stomach in this disease. the emetick medicine, which should be tax ent, should be given in very large quantities and often repeated, until it varnits actively, which may be very much pera motest by placing the patient in a warm bath. When the medicine has operated actively, it will give ally be found that the direase has given way. But should the allack still remain obstinate, it will be necessary to place the patient in a warm both and bluck ed deliquium animi When purhed to this watert, it is said. The Cancet rever fails After general blushing has bun carried as far as may be advisable, we must resert to repreal bleding with cups and levelus and the application of a large blister to the threat reaching from one ear to the other. At this stage of the direct. nurcury for in other words colonel should be given in large and prequently represented down so as to induce active purging. This is arinedy of very quest importance in completing and establishing the cure of highly is it isturned by the sunarable

profiper of anatomy in this institution, that he places his principal reliance, for the oure of this dis are on exprious bleeding and purging actively with calomil. The has been known to bled a child of three months old, 3 three times in a day, and to administer to the same pratient thirty grains of calomel in the same ling the of time; by which means the child was saved . In all inflammatory dinous, bluding should be carried to such an extent as to produce direct and immediate effects. The modes operandi of moderate and profun blinding is very different. The former monely reduces pibile action, without making any material impression upon the direase itself Whereas profuse bluding buts down and subvirts the diseased action at once Neither is such profuse bleeding, if carried only to the extent which is required for the supports - son of the dinare , so debilitating as prejunt and moduate blucking. When an attack of croup is primited to run on

underinal for a constrool lingth of time, the inflammation specular cate the brenchia and lungs fraducing presuments nother. The treatment of which I stell not stail.

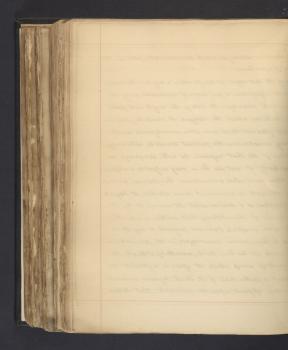
Croup has likewise another termination e.s. in effusion of coagulable lymph on the internal sur fore of the tracker, which, by the waporation of the more fluid ports assumes a solid from and receives the name of membrane. This membrane is sometimes expectorated, but it most prequently remains for some time, addresent to the tracker, and at length getting love, when the potient is too far rechausted to throw it up, produces suffication. But if the treatment about recommended be vijor ourly pursued, a membrane will oldow or new from. Nouthelp, when it has formed, we should, by wery means in our power, promote its discharge. In this purpose, we may give a decertion of the polygo In sineka, and purhaps its virtue might be increased by the addition of an equal quantity of equiller

The seneta may also be und in substance reduced to prow surwith equal advantages. The esuit of having first direr sod the utility of the sinche in this staye of croups, is seconded to Di Archer of Maryland. The first und it in decortion, but subrequently in prowder. The stringth of the decoction must be determined by the policy se cien. It should be made so strong as to produce in Rimal a considerable degree of irritation about the facces and a divine to cough, when taken into the mouth. This dupe of stringthe is rendered necespary by the insenibil ity of the laryno, and in fact of the whole body. Half ar owner of the root buind and boiled in a close sipil with half a funt of water, down to four owners, will in most care be sufficiently strong. Of this atea spoon full should be given winy hour or helf hour as the urgency of the can may demands and during the intervals a few drops should be given occasionally so as to keep up a constant effect whom the threat. This should be continued until vorniting and purging are induced; It should then be given in small quantities until the



memberne is discharged, which sometimes takes place in the

During the last stage of croup when a cary to in the most urgent asymptome, a few drops of laudanum may be given with advantage. It allarys the early and quists the irritation about the laryone. It should be given in a little place such the or some other muci la jineus drink. During convolucione, the patient should be extremely reutions of the last exposure to cold, dampings or arregularity of diet, for he is very subject to andopen. In those cares where a membrene hos-formed, and all our attempts, to servove it prove abortive, to Physick Per prepared, as a desire went, to remove it by the quation of bronchitomy. But whether or not, this will prove exceptul, I am not prepared to my . It is said to have prover unsucceppel, in the pew instances in whit it has been tried; mouthely, I think the prospect of success which it offers, is sufficient to warrant a farther trial of it. Such vigorous measures have been opposed, upon the principle, that children



with not entain their specifier; then which then is withing more immense for it is a fact as well established as my or moderne that children recover from even majores moderne and from the specific from adults of these days they despolar, an urrenament trainty of his and extraordinary receptative process, even many under extraordinary receptative process, even miny under extraordinary receptative process, even miny under extraordinary receptative process, even miny under extraordinary receptative process, even there are no event disting adults from the put we are that so every important of the fact we conclude and that is much to depend of the late continue to administrate as the rectivative primaingle, as long as a wild speak remains.

